

AMENDMENTS TO THE DRAWINGS

Attached hereto are four (4) sheets of corrected formal drawings that comply with the provisions of 37 C.F.R. § 1.84. The corrected formal drawings incorporate the following drawing changes:

In FIG. 1, the reference sign "V_{RC}" has been inserted.

In FIG. 2, 4 and 6, the reference sign "X" has been inserted in the "Reset" waveform for indicating a "don't care" state.

In FIG. 5, the reference numeral "312" and one of inverters have been removed.

It is respectfully requested that the corrected formal drawings be approved and made a part of the record of the above-identified application.

REMARKS

Applicant appreciates the Examiner's thorough consideration provided the present application. Claims 1-16 and 18-22 are now present in the application. The specification, drawings, and claims 5, 10, 15, 16, and 18 have been amended. Claims 19-22 have been added. Claim 17 has been cancelled. Claims 1, 16 and 20 are independent. Reconsideration of this application, as amended, is respectfully requested.

Allowable Subject Matter

It's gratefully acknowledged that the Examiner considers the subject matter of claims 1-4 and 9 as being allowed and the subject matter of claims 5-8 as being allowable if the objection to claim 5 is corrected. By the Amendment, claim 5 has been amended as the Examiner suggested. Accordingly, claims 5-8 are now in condition for allowance. Also, the subject matter of claims 10-15 would be allowable if rewritten to overcome the rejection under 35 U.S.C. 112, 2nd paragraph. By the Amendment, claims 10, 15 have been amended to address the Examiner's rejection. Accordingly, claims 10-15 are now in condition for allowance.

Drawings Objections

The Examiner objected to the drawings as the reference sign "V_{RC}" is not shown in FIG. 1. By way of the present Amendment, Applicant submits corrected FIG. 1 where the sign "V_{RC}" is added.

The Examiner objected to the drawings as the reference character "312" is not mentioned in the description and the number of inverters is not correct in FIG. 5. By way of the present Amendment, Applicant submits corrected FIG. 5 to delete the character "312" and delete one of the inverters for showing an odd number of inverters.

The Examiner objected to the drawings as not believed to be accurate in FIG. 2, 4 and 6. By way of the present Amendment, Applicant submits corrected FIG. 2, 4 and 6 where a reference sign "X" in the "Reset" waveform for indicating a "don't care" state is added. Therefore, the "Reset" waveform is in "don't care" state when the power supply VDD is low.

Claim Rejection Under 35 U.S.C. § 112

Claims 10, 15 and 16-18 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention.

The Examiner points out how all of the various steps recited within claim 16 relate to the oscillator, frequency detector, and comparator recited within the

preamble. The claim 16's "outputting a reset signal" step, "corresponding oscillation signal according to" and "corresponding first output voltage according to" are considered vague. Hence, Applicant amends claim 16 so as to distinctly claim the subject matter which the applicant regards as the invention. Accordingly, claim 16 is now in condition for allowance. Applicant also amends claim 18. Claim 18 is now considered to be allowable.

Claims 10 and 15 both recite the limitation "the reset signal output circuit" with insufficient antecedent basis for this limitation in the claim. By the present Amendment, the limitation "the reset signal output circuit" in claims 10 and 15 has been rewritten to "the reset signal generator". Accordingly, claims 10 and 15 are now in condition for allowance.

Claim Rejection Under 35 U.S.C. § 102

Claim 16 is rejected under 35 U.S.C. § 102(b) as being anticipated by Ikoma et al. (U.S. Patent 6,492,849). This rejection is respectfully traversed.

The Ikoma et al. discloses a supply voltage detection circuit for detecting a voltage level. The supply voltage detection circuit is applied in a monitor circuit and used for reducing current dissipation. The present invention discloses a power-on reset circuit. Therefore, the subject matter of the Ikoma et al. is different from the present invention.

Further, The Ikoma et al. does not disclose "outputting a first output voltage according to the oscillation frequency of the oscillation signal" and "outputting a reset signal" as recited in claim 16.

For at least the reasons mentioned above, it is respectively submitted that claim 16 is patentable over Ikoma et al.

Additional Claims

Additional claims 19-22 have been added for the Examiner's consideration.

Applicant respectfully submits that claim 19 is allowable due to its dependence on independent claim 16, as well as due to the additional recitation included in this claim.

Independent claim 20 and its dependent claims 21 and 22 have been added. Applicant respectfully submits that the limitations of claims 20-22 are not disclosed nor suggested by the reference relied on by the Examiner. Accordingly, it is believed that claims 20-22 are in condition for allowance.

Favorable consideration and allowance of additional claims 19-22 are respectfully requested.

CONCLUSION

Since the remaining patents cited by the Examiner have not been utilized to reject the claims, but merely to show the state of the prior art, no further comments are necessary with respect thereto.

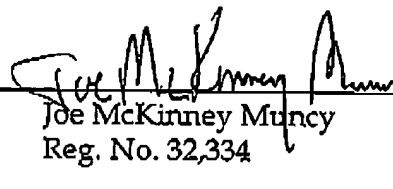
It is believed that a full and complete response has been made to the Office Action, and that as such, the Examiner is respectfully requested to send the application to Issue.

In the event there are any matters remaining in this application, the Examiner is invited to contact Joe McKinney Muncy, Registration No. 32,334 at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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